V	V	ork	Or	der	ID	5447	7
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Page 1

Item ID:

D209-669-013

Accept

Setup Start

Stop



Revision ID:

Start Date:

Skidtube LH Item Name:

Required Date: 12/31/2009

12/14/2009

Start Qty: 1.00 Req'd Qty: 1.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: _ W

Date: 09-12-69 Tooling:

Date:

Start Run



Date:

SPC (Y/N):

Date:

Draw

Rev.

Stop



Sequence ID/ Work Center ID Operation Description

Revision Nbr

Set Up/ **Run Hours**

Draw Number Plan Code Qty

Reject Accept Qty

Reject Number

Insp. Stamp

D209-669-013

Rev B

DSI 9450

Draw Nbr

Rev A

100

Document Control

DOCUMENT CONTROL

Memo

0.00

0.00

Photocopy bluefile & type labels per PPP d209-669-013 CHG003

110

Pick Kit

0.00

Packaging Packaging

Memo

0.00

/19/12/18 ()



Dart Aer	ospace	Ltd
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w/o:			WO	RK ORDER CHANG	GES			· —— -		
DATE	STEP	PRO	OCEDURE CHAN	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	Part No: PAR #: _		Fault Categ	Jory:	NCR:	Yes N	lo DQ	A:	Date:	
	Re	solution:	Disposition	n:	QA: 1	VC Clo	sed:		Date:	
NCR:			WORK ORDE	R NON-CONFORM	ANCE	(NCR)	ı			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Sec Action Description	tion Sign &			Verification Appr Section C Chief		Approval QC Inspector
		Section A	Chief Eng	Chief Eng		Date	Secti		Officer Ling	QO HISPECTOI
 										
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Work Order ID 54477

December 09, 2009 2:14:38 PM

Page 2

Item ID:

D209-669-013

Accept

Setup Start

Stop



Revision ID:

Item Name: **Start Date:**

Skidtube LH

12/14/2009

Start Qty: 1.00

Required Date: 12/31/2009

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: ____ Date:

Tooling:

Date:

Date:

Run

Start

Stop



Sequence ID/

QC: _____ Date:

SPC (Y/N):

Set Up/

Draw

Number

Plan Draw Rev. Code

Accept Qty

Reject Reject **Qty** Number

Insp. Stamp

Work Center ID 120

QC

Quality Control

Operation Description

QC4-100% Inspect kits for completeness

Run Hours

2) Soluch 3

130

Packaging Packaging

Packaging

Memo

Memo

Identify and pack for shipping as per PPPD209-669-013

Location:

140

Quality Control

QC21- Final Inspection - Work Order Release

0.00

0.00

0.00

Memo

0.00

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W/O:		WORK ORDER CHANGES												
DATE	STEP	PRO	OCEDURE CHAN	GE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes No DQA: Date:									
	Re	solution:	Disposition	•	QA: N/C	Closed: _		Date: _						
NCR:			WORK ORDE	R NON-CONFORM	ANCE (N	CR)		',						
DATE	STEP	Description of NC Section A	Initial	Action Description		nox ∣ _{Sec}	ication tion C	Approval Chief Eng	Approval QC Inspector					
			Chief Eng	Chief Eng	Da	te								
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Picklist Print													Page 1
December 09, 2009 2	:14:37 PM								I				
Work Order ID: 5447	77	OHAC.							***************************************				
Parent Item: D209	9-669-013		111										
Parent Item Name:	Skidtube LH		11881		!==:# BIIIE BIIIE IBII EIB!	111 - 111 11 11 13 	l	S	tart Date: 12/	14/2009	Required Da	ate: 12/31/	2009
Comments:				•				5	Start Qty: 1.0	. 0	Required Q		
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	St	atus
D209-669-043 Replacement Skidtube	1414 1811 1818 1818 1818 1818 1818 1818	Manufactured	No			110	Each	3.0000	1.0000	54470	16-1	-13.5)
				<u>Warehou</u>	<u>ise</u>	Loc	Oty	Loc Code				1	
				<u>Loca</u>	<u>tion</u>								
				Premier									
				Mezz	2.		3						
					22797 39205 39206		1 1 1		-				
D2917-1		Manufactured	No			110	Each	0.0000	2.0000				^
Saddle LH										B544C	<u>8</u> /0	1-12	_\$()
D2918-1 Saddle LH		Manufactured	No			110	Each	3.0000	2.0000	५ ८५ ५	67 1	D~1:13) (2)
				Warehou	<u>ise</u>	Loc	: Qty	Loc Code					1
				Loca	tion								

Main Warehouse ST

W/O:			WORK ORDER CHANGES											
DATE	STEP	PRO	OCEDURE CHA	IGE	B	y	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
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Part No	:	PAR #:	Fault Categ	NCR: \	NCR: Yes No DQA: Date:									
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NCR:			WORK ORDE	R NON-CONFORM	ANCE (N	ICR)								
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DAIL	STEP Description of NC Section A		Initial Chief Eng	Action Description Chief Eng	otion Sign & Date			on C	Chief Eng	QC Inspector				
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Picklist Print

December 09, 2009 2:14:37 PM

Work Order ID: 54477

Parent Item:

D209-669-013

Parent Item Name:

Skidtube LH

Manufactured

Νo

Comments:

D2570

Bushing



Start Date: 12/14/2009

Required Date: 12/31/2009

Page 2

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
Item Name	Item ID	Purch	Item	Location	Location	Seq ID	Measure	Hand	Qty To Pick	Issued	Issued	
AN4-51A		Purchased	No .			110	Each	362.0000	8.0000			

Warehouse Loc Code Loc Qty Location Main Warehouse ST 362 111635 112489 5 112720 50 100

110

113121 113226

200 Each 199.0000 24.0000

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	199	
47246	4	
53449	195	

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Dan Ae	ospace	Lia							t			
W/O:		The state of the s	WO	RK ORDER CHANG	ES							
DATE	STEP	PRO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
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AMA												
Part No	:	PAR #:	Fault Categ	jory:	NCR: Ye	s No [DQA:	Date:				
	Re	esolution:	Disposition	:	_ QA: N/C	Closed:		Date: _				
NCR:		,	WORK ORDER NON-CONFORMANCE (NCR)									
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	Section B iption Sig		rification Section C	Approval Chief Eng	Approval QC Inspector			
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Work Order ID: 54477

Parent Item:

D209-669-013

Parent Item Name: Skidtube LH



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Otru 1 00

Paguired Oty: 1.00

Comments:								2	start Qty: 1.00		Required Qty: 1	.00
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4		Purchased	No			110	Each	4,023.000	24.0000		G	1
Nut				Wareho	ouse	Loc	<u>Oty</u>	Loc Code			- (
	•			Loc	ation				1			

Main Warehouse ST 4023 110507 184 111827 3839 15924 Purchased No 110 Each 235.0000 4.0000

AN5-36A

Warehouse	Loc Oty	Loc Code
Location		
Main Warehouse		
ST	235	
109545	11	
110467	7	
110731	4	
112243	20	
112314	143	
. 112385	50	

_ ~	. oopaoc															
W/O:		1444	WORK ORDER CHANGES													
DATE	STEP	PRO	CEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector						
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					···											
Part No):	PAR #:	Fault Categ	ory:	NC	R: Yes I	No DQA	\:	Date:							
	Re	esolution:	Disposition	:	QA	: N/C Clo	sed:		Date: _							
NCR:		V	WORK ORDE	R NON-CONFO	DRMANCE	(NCR)									
DATE	0750	Description of NC	(Section B		Verific	ation	Approval	Approval							
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	ption	Sign & Date	Section		Chief Eng	QC Inspector						
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			·													
				•												

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W/O:			WO	RK ORDER CHAN	GES			•		-
DATE	STEP	PRO	OCEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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	j j									
Part No	:	PAR #:	Fault Categ	jory:	NCF	R: Yes	No DQ	A :	Date: _	
	Res	olution:	Disposition	:	QA:	N/C CId	osed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	MANCE	(NCR)			
DATE	STEP	Description of NC			ection B		Verific	ation		Approval
DATE		Section A	Initial Chief Eng	Action Description Chief Eng	1	Sign & Date	Section C		Chief Eng	QC Inspector
							5			
							}			

Work Order ID: 54477

Parent Item:

Comments:

D209-669-013

Parent Item Name: Skidtube LH



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item II Item Name		Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-7A			Purchased	No			110	Each	387.0000	16.0000		W	
	-				Wareho	<u>use</u>	Loc	<u>Oty</u>	Loc Code	i I			
					Loca	ation							
					Main Wa	arehouse				!			
					ST			387		!			
						112794		1					
						113226		386		_1	M//3236	4	
AN960JD416			Purchased	No			110	Each	2,125.000	32.0000 <i>C</i>	-		
												(69/12	1156

Washer

•			
Warehouse	Loc Oty	Loc Code	
Location			
Main Warehouse			
ST	2125		
108161	329		
110523	340		
111279	101		
111916	482		
112314	873		112314
16941	0		1'

	•								
W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									3 4 4
Part No	•	PAR #:	Fault Categ	ory:	_ NCR: Ye	es No I	DQA:	Date: _	
	Re	esolution:	Disposition	:	QA: N/C	Closed:	· · · · · · · · · · · · · · · · · · ·	Date: _	
NCR:		,	WORK ORDE	R NON-CONFORM	ANCE (N	CR)			
DATE	STEP	Description of NC			tion B	Ve	rification	Approval Chief Eng	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng			Section C		QC Inspector

Work Order ID: 54477

Parent Item:

D209-669-013

Parent Item Name: Skidtube LH



Start Date: 12/14/2009

Required Date: 12/31/2009

	Comments:										Start Qty: 1.00		Required Qty: 1	
	Component Item Name	Item ID/	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
<u></u>	D2929 Spacer			Manufactured	No			110	Each	97.0000	2.0000		G	
						Warehou	use	Loc	<u>Oty</u>	Loc Code		•		
						Loca	<u>ıtion</u>				i			
						Main Wa	rehouse				1			
						ST			97		!			
							43376		1					
							52243		1		-	<u> </u>		
	D2020	i					53564		95			53569		
>	D2930 Spacer			Manufactured	No			110	Each	111.0000	2.0000		<u></u>	15-J1C C
						Wareho	use	Loc	<u>Oty</u>	Loc Code				
						Loca	ıtion							

Main Warehouse ST 111 111 53563

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		WO	RK ORDER CHANGI	ES				
STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	PAR #:	Fault Categ	jory:	NCR: Yes	No DQA	\:	Date:	
Res	olution:	Disposition	:	QA: N/C Cld	sed:		Date: _	
	,	WORK ORDE	R NON-CONFORMA	NCE (NCR)			,
OTED	Description of NC		Corrective Action Section		Verific	ation	Approval	Approval
SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date			Chief Eng	QC Inspector
						14 20 - 10		
						-		
	STEP	PAR #:PAR #:	STEP PROCEDURE CHAN PAR #: Fault Category Resolution: Disposition WORK ORDE STEP Description of NC Section A	WORK ORDER CHANGE PROCEDURE CHANGE PROCEDURE CHANGE PAR #: Fault Category: Resolution: Disposition: WORK ORDER NON-CONFORMA STEP Description of NC	WORK ORDER CHANGES STEP PROCEDURE CHANGE By :PAR #:Fault Category:NCR: Yes Resolution:Disposition:QA: N/C Clot WORK ORDER NON-CONFORMANCE (NCR STEP Description of NC	WORK ORDER CHANGES STEP PROCEDURE CHANGE By Date	WORK ORDER CHANGES STEP PROCEDURE CHANGE By Date Qty :	WORK ORDER CHANGES STEP PROCEDURE CHANGE By Date Qty Chief Eng/Prod Mgr PAR #: Fault Category: NCR: Yes No DQA: Date: Resolution: Disposition: QA: N/C Closed: Date: WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC Section A Approval Initial Action Description Sign & Section C Chief Eng / Chie

Work Order ID: 54477

Parent Item:

D209-669-013

Parent Item Name:

Comments:

Skidtube LH

Purchased

No



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Qty: 1.00

Required Qty: 1.00

	Component l Item Name	Item ID/	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
-	D3405-041			Manufactured	No			110	Each	39.0000	1.0000			
>												5	10	

Lug Assembly

Warehouse	<u>Lo</u>	e Oty	Loc Code		
Location					
Main Warehouse				1	
ST		29			
53887		29			5388
Main Warehouse					
ST474		10		1	
52323		10			
	110	Each	186.0000	4.0000	, _

AN4C47A

186.0000 4.0000

/c9/14/14C

Warehouse	Loc Qty	Loc Code	
Location			
Main Warehouse			
ST	186		
112489	2		
112641	31		M/1264/
112816	3		
113164	50		
113302	100		

									**
W/O:		······································	WO	RK ORDER CHANG	ES				
DATE	STEP	PR	OCEDURE CHAN	Ву	Date (Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	•	PAR #:	Fault Categ	ory:	_ NCR: Yes	No DQA:		_ Date: _	
	Re	solution:	Disposition	:	_ QA: N/C CI	osed:		_ Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	₹)			
DATE	STEP	Description of NC		Corrective Action Section		Verificat		Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section		Chief Eng	QC Inspector
								,	

Work Order ID: 54477

Parent Item:

D209-669-013

Parent Item Name:

Skidtube LH

Comments:



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item Name	1	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21043-4 	 		Purchased	No			110	Each	955.0000	5.0000		W	

			<u>Warehouse</u>	<u>Lo</u>	c Oty	Loc Code	!	
			Location					
			OFFSHORE				,	
			FG		40			
			104603		40		i	
			Main Warehouse					
			ST		915			
			112243		2			
			112314		113			
			112492		300			M//2452
			113064		500			<u> </u>
Manufac	tured	No		110	Each	12.0000	1.0000	
								53888 (69/14/16 ()

D3405-043 Lug Assembly

Warehouse Loc Code Loc Qty Location Main Warehouse ST 12 46589 46863 52324 10

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W/O:		7 - 45 - 41 - 12 - 12 - 12 - 12 - 12 - 12 - 12	WC	RK ORDER CHANG	iES					<u> </u>	
DATE	STEP	PRO	OCEDURE CHAI	NGE	В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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		,									
Part No	Part No: PAR #:		Fault Category:NC		_ NCR: `	NCR: Yes No DQ			QA: Date:		
	R	esolution:	Disposition	n:	QA: N/	C Clos	sed:		Date:		
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (N	(CR)					
DATE	STEP	Description of NC Section A	Initial	Corrective Action Sect Action Description	tion B	ign &	Verific Section		Approval Chief Eng	Approval QC Inspector	
		Geomotiv	Chief Eng	Chief Eng		Date	Jection		Office Eng	GO Mapeciol	
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W/O:			WC	RK ORDER CHANGES	3				
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	\ :	Date: _	
	Res	solution:	Disposition	1:	QA: N/C CI	osed:		Date: _	
NCR:			WORK ORDE	ER NON-CONFORMAN	CE (NCF	l)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section I Action Description Chief Eng	Sign &	Verific Section		Approval Chief Eng	Approval QC Inspector
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Picklist Print

December 09, 2009 2:14:37 PM

Work Order ID: 54477

Parent Item:

D209-669-013

Parent Item Name:

Skidtube LH

Comments:



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Qty: 1.00

Required Qty: 1.00

Component	
Item Name	

Replacement Mfg/ Item ID

Purch

Primary Bin Item Location

Last Location

Route Seq ID Unit of Measure

Qty on Hand

Remaining Qty To Pick Issued

Qty

Date Status **Issued**

Page 10

D3417-5

Manufactured

No

110

Each

155.0000 2.0000

Warehouse	Loc Oty	Loc Code		
Location				
Main Warehouse				
ST	155			
44350	14		1	
50366	13			
51649	28	*		516
52344	100			

Dart Ae	rospace	Ltd						4 €
W/O:			WC	ORK ORDER CHANGES	•			
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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							,	
Part No):	PAR #:	Fault Cate	gory: NC	CR: Yes	No DQA:	Date: _	
	Re	esolution:	Dispositio	n: Q/	A: N/C CIO	osed:	Date: _	
NCR:			WORK ORD	ER NON-CONFORMANC	E (NCR)		
DATE	0.755	Description of NC	PAR #: Fault Category: NCR: Yes No DQA: Date: Disposition: QA: N/C Closed: Date: WORK ORDER NON-CONFORMANCE (NCR) Page 197	Approval				
DATE	STEP						1 .	

ICR:	R: WORK ORDER NON-CONFORMANCE (NCR)							
DATE OFF		Description of NC	Corrective Action Section B		Verification App	Approval	Approval	
DATE STEP	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	QC Inspector
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